

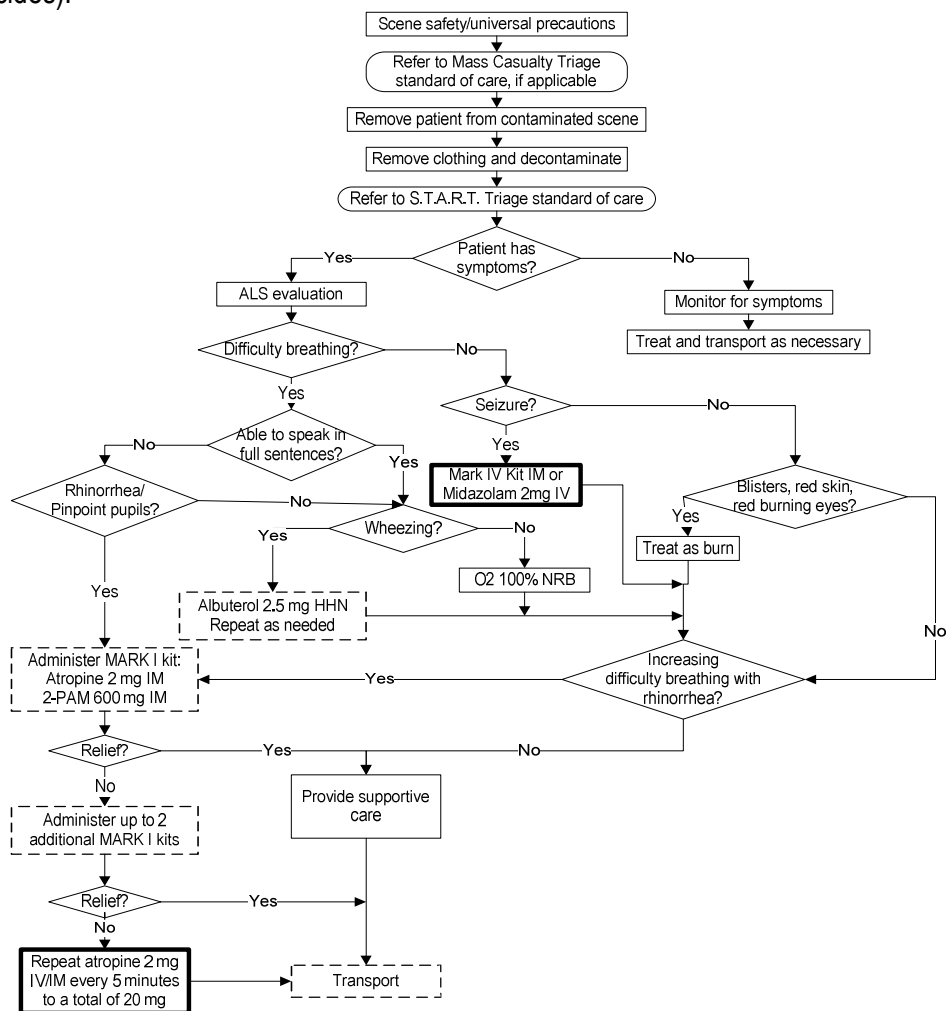
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**MILWAUKEE COUNTY EMS  
MEDICAL PROTOCOL  
CHEMICAL EXPOSURE**

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Signature:
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History	Signs/Symptoms	Working Assessment
Known chemical exposure Multiple patients with similar symptoms (e.g. seizures)	Salivation (drooling) Lacrimation (tearing) Urination Defecation (diarrhea) Generalized twitching/seizures Emesis (vomiting) Miosis (pinpoint pupils)	Exposure to nerve agents or organophosphates (e.g. insecticides)

This is intended to be used only in cases of possible exposure to nerve agents or other organophosphates (e.g. insecticides).



**NOTES:**

- If symptoms of SLUDGEM appear, the first step is to remove the patient from the contaminated area as quickly as possible. This is often the only treatment needed.
- If vapor exposure alone, no need for skin decontamination
- The MARK I kit is indicated only if there is an increasing difficulty breathing (inability to speak in full sentences) and rhinorrhea. If miosis alone, do not administer Mark I kit.
- A total of three MARK I kits may be administered to a single patient.